GOVERNMENT OF INDIA
NON-CONVENTIONAL ENERGY SOURCES
LOK SABHA

UNSTARRED QUESTION NO:1161
ANSWERED ON:27.11.2000
SETTING UP OF WIND POWER STATIONS
SUBODH MOHITE

Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) the installed capacity of wind power in the country, State-wise;

(b) the details of the potential from wind power in the country, State-wise;

(c) whether the Government have formulated any strategy for generating more wind power from the potential areas;

(d) if so, the details thereof; and

(e) the steps proposed to be taken by the Government to encourage State Governments for setting up more wind power stations in their respective States?

Answer

MINISTER OF STATE FOR NON-CONVENTIONAL ENERGY SOURCES (INDEPENDENT CHARGE), (SHRI M. KANNAPPAN)

(a) An aggregate wind power capacity of 1222 MW has so far been installed in the country. State-wise break-up is given in Annexure-I.

(b) The total wind power potential in the country has been estimated at 20,000 MW. State-wise break-up is given in Annexure-II.

(c),(d)&(e) Under the Wind Resource Assessment programme, potential sites are identified which can be considered suitable for wind power projects. 192 sites have so far been identified in 13 States / UTs. Funds are provided for a limited number of demonstration projects. The Central and State Governments also provide fiscal and financial incentives, including relief from taxes and duties, accelerated depreciation, etc. The potential States have announced promotional policies for wheeling, banking, third party sale and buy-back of electricity generated from commercial projects. Soft loans are also provided by the Indian Renewable Energy Development Agency (IREDA) for commercial projects.

ANNEXURE-I

Annexure - I referred to in reply to part (a) of Lok Sabha Unstarred Question No. 1161 to be answered on 27.11.2000

STATE-WISE WIND POWER INSTALLED CAPACITY

STATE	CAPACITY (MW)
ANDHRA PRADESH	89.6
GUJARAT	166.9
KARNATAKA	37.8
KERALA	2.0
MADHYA PRADESH	22.6
MAHARASHTRA	112.9
RAJASTHAN	4.3
TAMIL NADU	784.6
OTHERS	1.6
TOTAL	1222.3

ANNEXURE-II

Annexure -II referred to in reply to part (b) of Lok Sabha Unstarred Question No. 1161 to be answered on 27.11.2000

STATE-WISE WIND POWER POTENTIAL

STATE	GROSS POTENTIAL (MW)
ANDHRA PRADESH	2200
GUJARAT	3100
KARNATAKA	4120
KERALA	380
MADHYA PRADESH	3000
MAHARASHTRA	1920
ORISSA	840
RAJASTHAN	1210
TAMIL NADU	900
WEST BENGAL	180
OTHER STATES	2150
TOTAL	20000